

GENETICS
 #gene FlyBase:E1p74EF
 #cross-references FlyBase:FBgn0000567
CLASSIFICATION #map-Position 3'74EF
 #superfamily ets DNA-binding domain homology
KEYWORDS alternative splicing; DNA binding; transcription regulation
FEATURE 789-869
SUMMARY #length 883 #molecular-weight 94819 #checksum 1974
 Query Match Best Local Similarity 13.7%; Score 372; DB 2; Length 883;
 Matches 59; Conservative 46; Mismatches 57; Indels 7; gaps 7;
ENTRY Db 707 SSSSSAVAAAAMLSASAAAAATAAAGGSSOSVTOPATSY-S-YDLS YMELGGFOQR 763
 QY 186 PGAPSPGSSDVSTARTATFOSSHAASDGGSDVDLDTESRVPFDPTTYKKGEPKHKGR 245
REFERENCE Db 764 KAKKPRK-P-K-L-E-MGKVRSSREGSTIVIWFELKLQDREYCPRFKIWNREGVFKL 819
 QY 246 KGKGPRKLKUSVYKDCLECKSKHAPRGTHLWEFIRDILHPELNNEGIMKWNENRHEGVKF 305
 820 VDSKAVSLRGLWMKRNKPDNVYTMGRALRYVYQORGILAKVGQRLVHF 868
 306 LSESEAQOLWQKKNNSNTIEKLSRAMRYVYKREILERVGRLRVYK 354
RESULT 6
ENTRY B53225 #type complete
TITLE ecdysone-induced protein E74A - fruit fly (Drosophila virilis)
ORGANISM #formal_name Drosophila virilis
DATE 12-May-1994 #sequence_revision 12-May-1994 #text_change
ACCESSIONS B53225
REFERENCE #authors Jones, C.W.; Dalton, M.W.; Townley, L.H.
#Journal Genetics (1991) 127:535-543
#title Inter-specific comparisons of the structure and regulation of the Drosophila ecdysone-inducible gene E74.
#cross-references MVID:91200627
#accession B53225
#status preliminary; not compared with conceptual translation
#molecule_type mRNA
#residues 1-873 #label JON
#cross-references GB:X59493
GENETICS
#gene FlyBase:Dv1/E1p74EF
#cross-references FlyBase:FBgn0013076
CLASSIFICATION #superfamily ets DNA-binding domain homology
TURE 779-859
SUMMARY #length 873 #molecular-weight 94630 #checksum 6269
 Query Match Best Local Similarity 13.6%; Score 369; DB 2; Length 873;
 Matches 43; Conservative 20; Mismatches 28; Indels 0; Gaps 0;
ENTRY Db 768 KRSREGSTYTFEFLKIQDREYCPRFIKWTBREKGFKLVDKSAVSLRGLWMKRNKP 827
 QY 264 KKRRHAPRQTHLWEFIRDILHPELNNEGIMKWNENRHEGVKFREBAQOLWQKKNNS 323
REFERENCE Db 828 MNVETMGRALRYVYQORGILAKVGQRLVHF 858
 QY 324 MTVEKLRSRMVYVKKREILERVGDRRLRVYK 354
RESULT 7
ENTRY G02318 #type complete
TITLE Ets transcription factor - human
ORGANISM #formal_name Homo sapiens #common_name man
 21-Dec-1998 #sequence_revision 06-Jun-1997 #text_change
GENETICS
#note sequence extracted from NCBI backbone (NCBIP:88288)
GENETICS
#gene GDB:E1P1
#cross-references GDB:131648
CLASSIFICATION #map-Position 1P36-1P36
KEYWORDS #cross-references DNA binding; transcription regulation
FEATURE 210-290
SUMMARY #length 619 #molecular-weight 67455 #checksum 5026

ACCESSIONS I48755 21-Aug-1998
 REFERENCE A53837 #journal Genes Dev. (1994) 8:1502-1513
 #authors Giovane, A.; Pintzas, A.; Maira, S.M.; Sobieszczuk, P.; Waslyk, B.
 #text #cross-references MUID:95047310
 accession 148755 #status preliminary; translated from GB/EMBL/DDJB
 #residues 1-430 #label RES
 #cross-references EMBL:236885; NID:9535127; PID:9535128
 CLASSIFICATION #superfamily elk-1 transforming protein; ets DNA-binding domain homology
 FEATURE #domain ets DNA-binding domain homology #label ETS
 SUMMARY #length 430 #molecular-weight 46867 #checksum 6382

Query Match Best Local Similarity 12.5%; Score 339; DB 2; Length 430;
 matches 38; Conservative; Pred. No. 3.05e-42; Gaps 2;
 Indels 2;

OY 7 LWFPLQLQEQPQ-NKHMICWTS-NNGEKKLQAEVARLWGRKRNKPNMNDKLRLR 64
 Db 65 YYYVKNIKVNGQKFVYKF 84
 OY 335 YYKKREILERVGRRLVYKF 354

RESULT 13
 ENTRY A42093 #type complete
 TITLE serum response factor accessory protein-1 form b (SAP-1b) -
 ORGANISM #formal_name Homo sapiens #common_name man
 DATE 31-Dec-1993 #sequence_revision 31-Dec-1993 #text_change
 21-Aug-1998
 ACCESIONS A42093
 REFERENCE A42093
 #authors Dalton, S.; Treisman, R.
 #journal Cell (1992) 68:597-612
 #title Characterization of SAP-1, a protein recruited by serum response factor to the c-fos serum response element.
 #cross-references MUID:92154673

#accession A42093
 #status preliminary
 #molecule_type mRNA
 #residues 1-405 #label DAL
 #cross-references GB:HeLa Cells
 #experimental_source HeLa Cells
 #note sequence extracted from NCBI backbone (NCBIN:82525, NCBI:82524)

CLASSIFICATION #superfamily elk-1 transforming protein; ets DNA-binding domain homology

RESULT 13
 ENTRY A42093 #type complete
 TITLE serum response factor accessory protein-1 form b (SAP-1b) -
 ORGANISM #formal_name Homo sapiens #common_name man
 DATE 31-Dec-1993 #sequence_revision 31-Dec-1993 #text_change
 21-Aug-1998
 ACCESIONS A42093
 REFERENCE A42093
 #authors Dalton, S.; Treisman, R.
 #journal Cell (1992) 68:597-612
 #title Characterization of SAP-1, a protein recruited by serum response factor to the c-fos serum response element.
 #cross-references MUID:92154673

RESULT 13
 ENTRY A42093 #type complete
 TITLE serum response factor accessory protein-1 form b (SAP-1b) -
 ORGANISM #formal_name Homo sapiens #common_name man
 DATE 31-Dec-1993 #sequence_revision 31-Dec-1993 #text_change
 21-Aug-1998
 ACCESIONS A42093
 REFERENCE A42093
 #authors Dalton, S.; Treisman, R.
 #journal Cell (1992) 68:597-612
 #title Characterization of SAP-1, a protein recruited by serum response factor to the c-fos serum response element.
 #cross-references MUID:92154673

RESULT 14
 ENTRY B42093 #type complete
 TITLE serum response factor accessory protein-1 form a (SAP-1a) -
 ORGANISM #formal_name Homo sapiens #common_name man
 DATE 31-Dec-1993 #sequence_revision 31-Dec-1993 #text_change
 21-Aug-1998
 ACCESIONS B42093; S28817
 REFERENCE A42093
 #authors Dalton, S.; Treisman, R.
 #journal Cell (1992) 68:597-612
 #title Characterization of SAP-1, a protein recruited by serum response factor to the c-fos serum response element.
 #cross-references MUID:92154673
 accession B42093 #status preliminary
 #molecule_type mRNA
 #residues 1-453 #label DAL
 #cross-references EMBL:MS5165
 #experimental_source HeLa Cells
 #note sequence extracted from NCBI backbone (NCBIN:82523, NCBIP:82524)

CLASSIFICATION #superfamily elk-1 transforming protein; ets DNA-binding domain homology

RESULT 14
 ENTRY B42093 #type complete
 TITLE serum response factor accessory protein-1 form a (SAP-1a) -
 ORGANISM #formal_name Homo sapiens #common_name man
 DATE 31-Dec-1993 #sequence_revision 31-Dec-1993 #text_change
 21-Aug-1998
 ACCESIONS B42093; S28817
 REFERENCE A42093
 #authors Dalton, S.; Treisman, R.
 #journal Cell (1992) 68:597-612
 #title Characterization of SAP-1, a protein recruited by serum response factor to the c-fos serum response element.
 #cross-references MUID:92154673
 accession B42093 #status preliminary
 #molecule_type mRNA
 #residues 1-453 #label DAL
 #cross-references EMBL:MS5165
 #experimental_source HeLa Cells
 #note sequence extracted from NCBI backbone (NCBIN:82523, NCBIP:82524)

CLASSIFICATION #superfamily elk-1 transforming protein; ets DNA-binding domain homology

RESULT 15
 ENTRY B42093 #type complete
 TITLE serum response factor accessory protein-1 form a (SAP-1a) -
 ORGANISM #formal_name Homo sapiens #common_name man
 DATE 31-Mar-1993 #sequence_revision 31-Mar-1993 #text_change
 05-Sep-1997
 ACCESIONS A41354; S34721
 REFERENCE A41354
 #authors Rao, V.N.; Huebler, K.; Isobe, M.; ar-Rushdi, A.; Croce, C.M.; Reddy, E.S.P.
 #journal Science (1989) 244:66-70
 #title elk, tissue-specific ets-related genes on chromosomes X and 14 near translocation breakpoints.
 #cross-references MUID:89203250
 accession A41354
 #molecule_type mRNA
 #residues 1-428 #label RAO
 #cross-references GB:M25209; NID:9538208; PID:9538209
 REFERENCE S54721
 #authors Gille, H.; Kortenjann, M.; Thomas, O.; Moomaw, C.; Slaughter, C.; Cobb, M.H.; Shaw, P.E.
 #journal EMBO J (1995) 14:951-962
 #title ERK phosphorylation potentiates Elk-1-mediated ternary complex formation and transactivation.
 #cross-references MUID:95196758
 accession S54721
 #status preliminary
 #molecule_type protein
 #residues 318-348, 'XX', 331-356-364, 380-388, 'X', 390-392, 'X', 394-400, 'XX', 403-405, 'X', 407-408 #label GIL

Query Match Best Local Similarity 12.3%; Score 334; DB 2; Length 405;
 matches 37; Conservative; Pred. No. 2.92e-41; Gaps 2;
 Indels 2;

OY 7 LWFLQLQKPO-NKHMICWTS-NDGOKLQEQEVARLWGRKRNKPNMNDKLRLR 64
 Db 65 YYVVKNIKVNGQKFVYKF 84
 OY 335 YYKKREILERVGRRLVYKF 354